CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR GSB
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-10-10-03** **Date: 12-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Impreovements and Asphalting to roads at Kondappa Garden in Ward no.01 of Yelahanka
Agency	:	Sri. B. R. Dananjaya, No.22, Gundappa road, 3rd cross, floor mill road, Nagashettyhalli, Bangalore.
Customer Reference	:	EE(YNK.D)E-PMT-02/WO/109/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	10-10-17
Sample ID No	:	2017-10-10-03/01
Type of Mix	:	GSB (Granular Sub Base)
Date of test	:	10-10-17
Oven Dry Weight	:	11200 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0	100	100
53	1096	1096	9.79	90.21	80-100
26.5	1935	3031	27.06	72.94	55-90
9.5	1827	4858	43.38	56.63	35-65
4.75	1620	6478	57.84	42.16	25-55
2.36	1824	8302	74.13	25.88	20-40
0.425	1343	9645	86.12	13.88	10-25
0.075	1096	10741	95.90	4.10	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table 400.2 MORTH Specification
1	Liquid Limit, %	20.54%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

Note:-

The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL PRO BANGALORE Sig..... Date.....

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

End of Report

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-10-16-09** **Date: 19-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Impreovements and Asphalting to roads at Kondappa Garden in Ward no.01 of Yelahanka
Agency	:	Sri. B. R. Dananjaya, No.22, Gundappa road, 3rd cross, floor mill road, Nagashettyhalli, Bangalore.
Customer Reference	:	EE(YNK.D)E-PMT-02/WO/109/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-10-17
Sample ID No	:	2017-10-16-09/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	16-10-17
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	189	189	1.7	98.3	95-100
22.4	2202	2391	21.7	78.3	60-80
11.2	2231	4622	42.0	58.0	40-60
4.75	2394	7016	63.8	36.2	25-40
2.36	1782	8798	80.0	20.0	15-30
0.6	993	9791	89.0	11.0	8-22
0.075	1031	10822	98.4	1.6	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

End of Report

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2011)

Lab ID	:	**CP-RW-2017-12-04-01** **Date: 06-12-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Impreovements and Asphalting to roads at Kondappa Garden in Ward no.01 of Yelahanka
Agency	:	Sri. B. R. Dananjaya, No.22, Gundappa road, 3rd cross, floor mill road, Nagashettyhalli, Bangalore.
Customer Reference	:	EE(YNK.D)E-PMT-02/WO/109/2017-18
Source of Sample	:	Sample supplied by Agency
Date of Receipt	:	04-12-17
Sample ID No	:	2017-12-04-01/01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	04-12-17

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	509	509
2	Weight of the sample After extraction	B	479	477
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	5.89	6.29
4	Average percentage	%	6.1	

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager